Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Date: 13-06-18

Lab ID	:	**CP-2018-06-11-07**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to drains at Bagalagunte old village (Surrounding of Maramma temple) in Bagalagunte in ward No.14
Agency	:	Sri. Ranganna.KM, No.05, 2nd cross, Siddeshwara Layout, Sidedahalli, Bangalore-72
Customer's Reference	:	EE/DD/WO/304/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	11-06-18
Sample ID No	:	2018-06-11-07 /03
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	11-06-18
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	42	42	4.2	95.8	90-100	90-100	90-100	95-100
3	2.36 mm	191	233	23.3	76.7	60-95	75-100	85-100	95-100
4	1.18 mm	194	427	42.7	57.3	30-70	55-90	75-100	90-100
5	600 micron	205	632	63.2	36.8	15-34	35-59	60-79	80-100
6	300 micron	214	846	84.6	15.4	5-20	8-30	12-40	15-50
7	150 micron	109	955	95.5	4.5	0-10	0-10	0-10	0-15
8	Pan	45	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2018-06-11-07** **Date: 13-06-18**

Sample ID No : 2018-06-11-07 /03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.05	–
2	Specific Gravity	2.58	–
3	Material finer than 75 micron(%)	3.8	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರ
ಹೆಬ್ಬಾಳದಪಶ್ಚಿಮ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-06-20-17

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore. **Date: 25/06/2018**

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to drains at Bagalagunte old village (Surrounding of Maramma temple) in Bagalagunte in ward No.14

Agency : Sri. Ranganna.KM, No.05, 2nd cross, Siddeshwara Layout, Sidedahalli, Bangalore-72

Customer's Reference : EE/DD/WO/304/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 20-06-18

Sample ID No : 2018-06-20-17 /01

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/06/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	18/06/2018	25/06/2018	150.42 X 150.54 X 150.45	22644	8.312	269.5	11.9	12.1
2	PCC	M15	18/06/2018	25/06/2018	150.42 X 150.54 X 150.45	22644	8.331	283.1	12.5	
3	PCC	M15	18/06/2018	25/06/2018	150.32 X 150.54 X 150.35	22629	8.345	267.0	11.8	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 16/07/2018

Lab ID	:	**CP-2018-06-20-17**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to drains at Bagalagunte old village (Surrounding of Maramma temple) in Bagalagunte in ward No.14
Agency	:	Sri. Ranganna.KM, No.05, 2nd cross, Siddeshwara Layout, Sidedahalli, Bangalore-72
Customer's Reference	:	EE/DD/WO/304/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-06-18
Sample ID No	:	2018-06-20-17 /02
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	16/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	18/06/2018	16/07/2018	150.22 X 150.24 X 150.27	22569	8.245	390.4	17.3	17.3
2	PCC	M15	18/06/2018	16/07/2018	150.28 X 150.29 X 150.30	22586	8.267	393.0	17.4	
3	PCC	M15	18/06/2018	16/07/2018	150.31 X 150.20 X 150.25	22577	8.309	386.1	17.1	

Note:
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-04-21-02 **Date: 25/06/2018**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to drains at Bagalagunte old village (Surrounding of Maramma temple) in Bagalagunte in ward No.14

Agency : Sri. Ranganna.KM, No.05, 2nd cross, Siddeshwara Layout, Sidedahalli, Bangalore-72

Customer's Reference : EE/DD/WO/304/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 20-06-18

Sample ID No : 2018-06-20-17 /03

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/06/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	18/06/2018	25/06/2018	149.36 X 150.39 X 151.79	22462	8.198	271.8	12.1	12.1
2	PCC	M15	18/06/2018	25/06/2018	150.83 X 150.36 X 151.90	22679	8.344	265.3	11.7	
3	PCC	M15	18/06/2018	25/06/2018	151.51 X 151.83 X 151.35	23004	8.593	287.6	12.5	

Note:

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